
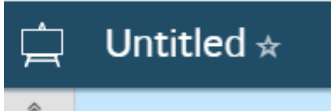
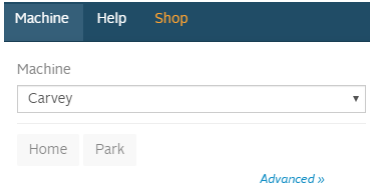
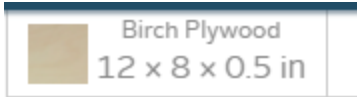
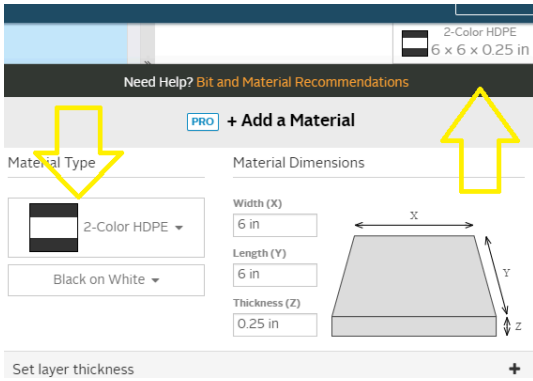
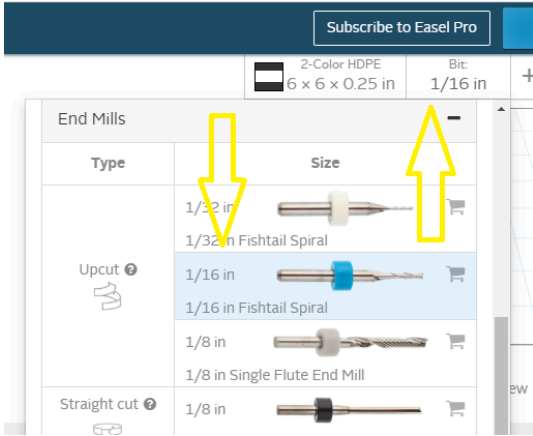
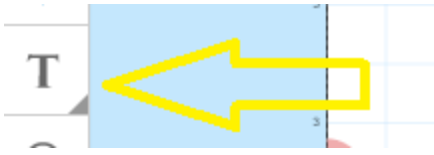


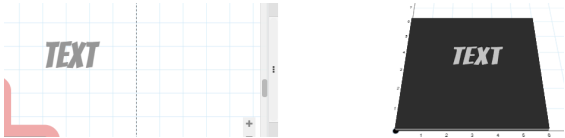
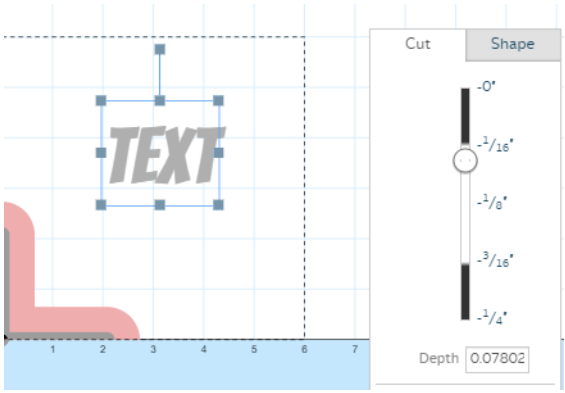

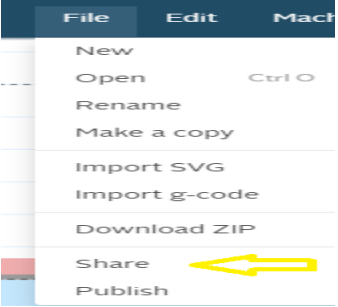
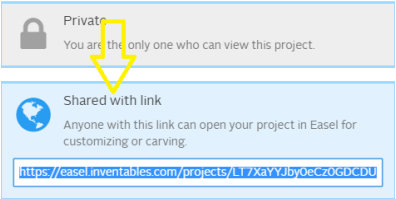
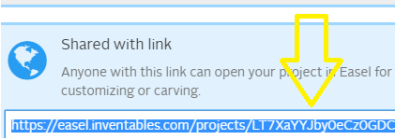
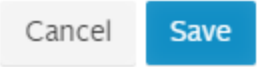
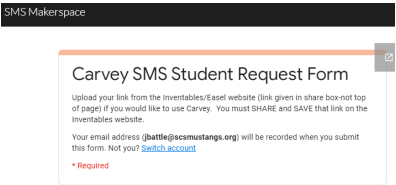


## CARVEY CNC Router Guide

|    |   |  |  |
|----|---|--|--|
| 1. | Log Into Inventables/Easel Account<br><a href="https://www.inventables.com/technologies/easel">https://www.inventables.com/technologies/easel</a> | Use school gmail and password  |  |
| 2. | Click on Green New Project Button   |  |   |
|    |   | Move Left to Right across the top of EASEL to set up tile <b>BEFORE</b> you start designing tile   |  |
| 3. | Give tile a title-Include your last name in the title.  | Top left   |    |
| 4. | Click on <b>MACHINE</b> tab   | Set machine as <b>CARVEY</b>   |    |
| 5. | Set Material Type-Click on Birch Plywood to see the drop-down menu  | Set Material Type as <b>2- Color HDPE</b><br>(don't worry about setting the color-you select color when the tile is shared)                    |   |
| 6. | Set Material Dimensions (same tab)  | Width/X: 6 in.<br>Length/Y: 6 in.<br>Thickness/Z: 0.25 in.*<br>(if it does not let you put in the correct Z measurement go back and fix later) |  |
| 7. | Click on <b>BIT</b> tab   | Scroll down select <b>BLUE BIT 1/16 in.</b>  |  |

|     |   |   |   |
|-----|---|---|---|
|     | <b>START Designing Tile</b>   |   |   |
| 8.  | To Add TEXT:<br>Click on the T on the left side of the screen   | <b>T- creates a text box</b><br>If you want to change font type you must erase and retype after picking the desired font. To resize text click on it and then use resizing feature. |   |
| 9.  | To add Image: Click on  on the left side of the screen | Click on Image to add to tile.<br>To resize the image click on it and then use the resizing feature.  |   |
| 10. | Look Right: "What you see is what you get."   | Continually look to the right of the screen. That is what your tile will look like when carved. Make sure your image and text are sized appropriately so they can be seen.          |   |
| 11. | Set cut depth   | Highlight the entire tile:<br>Set cut depth to right below 1/16 in.   |  |

**See Below to Send Carvey Tile to machine**

|   |  |   |   |
|---|--|---|---|
|   | <b>SEND TILE to SMS Makerspace Carvey Machine</b>                              |   |   |
| 1 | Click on File tab  | Top left of screen  |    |
| 1 | Click on <b>Share</b>  |   |    |
| 1 | Click on <b>shared with link.</b>  |   |    |
| 1 | Copy link  | Link is in the box <b>NOT</b> at the top of the page.     |   |
| 1 | <b>Click SAVE</b>  |   |  |
| 1 | Go to the Carvey page (under the equipment tab) on the SMS Makerspace website. | Fill out the form and paste the copied link. Submit form. |  |

Questions:

Mrs. Battle [jbattle@scsmustangs.org](mailto:jbattle@scsmustangs.org)

Stop down to the SMS Makerspace to pick up tile. Tiles are carved in the order received.